CERTIFICATE UNDER 37 C.F.R. § 3.73(b)

licant: Mukesh C. Shah et al.	& PADEMARK OF IC
lication No.: 09/010,408 Filed: January 22, 1998	
METHOD AND APPARATUS FOR TRACKING VEHICLE LOCATION	
colle Information Systems, Inc., a corporation of Delaware (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)	
ifies that it is assignee of the patent application identified above by virtue of either:	
An assignment from the inventor(s) of the patent application identified above recorded in the Patent and Trademark Office at Reel <u>7724</u> , Frame <u>0949</u> .	e. The assignment was
A chain of title from the inventor(s), of the patent application identified above, t shown below:	to the current assignee as
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e undersigned (whose title is supplied below) is empowered to act on behalf of the assig	nee.
creby declare that all statements made herein of my own knowledge are true, and that ormation and belief are believed to be true; and further, that these statements are made lful false statements, and the like so made, are punishable by fine or imprisonment, or the 18 of the United States Code, and that such willful false statements may jeopa dication or any patent issuing thereon.	with the knowledge that both, under Section 1001,
te: 4.8.99	
me: Charles F. Short III	
ile: Regident	
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MARCH 28, 1996

RICHARD T. OGAWA TOWNSEND AND TOWNSEND AND CREW TWENTIETH FLOOR, STEUART STREET TOWER ONE MARKET PLAZA SAN FRANCISCO, CA 94105-1492

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RECORDATION DATE: 10/23/1995

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BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

SHAH, MUKESH CHAMAHLAL

DOC DATE: 10/16/1995

ASSIGNOR:

PRABHAKARAN, SANJIV

DOC DATE: 07/13/1995

ASSIGNEE:

MOBILE INFORMATION SYSTEMS, INC. 1333 BORDEAUX DRIVE MOFFETT PARK SUNNYVALE, CALIFORNIA 94089

SERIAL NUMBER: 08443963

FILING DATE: 05/17/1995

PATENT NUMBER:

ISSUE DATE:

JERYL MCDOWELL, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS



Attorney Docket No. 15517-0001300

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Mukesh Chamanial Shah of Lake Oswego, Oregon, and Sanjiv Prabhakaran of San Jose, California, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: VEHICLE LOCATION		AND	APPAR	ATUS	FOR	TRACKING
Date(s) of execution of	Declaration:	-				
Filing date: May 17,	1995	Seria	ai No.: _	08/443	,063	; and

WHEREAS, MOBILE INFORMATION SYSTEMS, INC., located at 1333 Bordeaux, Moffett Park, Sunnyvale, California, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assigner's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: 10.16.95	Charles of this :-				
	Charles F. Short III, Chairman and Chief Executive, on behalf of Mukes Chamanlal Shah				
WITNESSES					
PRINT NAME	SIGNATURE SIGNATURE				
Joe R MACTUCE.	SIGNATURE Montines				

Date: July 13, 95			-
	Sanjiv Prabha	karan // .	
STATE OF <u>CA</u>		V	
COUNTY OF SANTA C	lara		
On $7-13-95$, befinsert name and title of the	foreme, Her	VRy Shapher	(her
insert maine and thre of the	officer, personally	appeared Sanjiv	rradnakaran

On /13-93 , before me, // (NRG) Logh(RI) (here insert name and title of the officer), personally appeared Sanjiv Prabhakaran, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is are subscribed to the within instrument and acknowledged to me that he/she/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, execute the instrument.

WITNESS my hand and official seal.

Signature Almy Mysley (Seal)